

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 991-8

SERIAL NO. 10/618,799

APPLICANTS Robert M. Landis

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

FILING DATE July 14, 2003

GROUP ART UNIT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA	4,018,221	4/19/1977	Rennie			
	4,156,426	5/29/1979	Gold			
	4,249,527	2/10/1981	Ko et al.			
	4,261,355	4/14/1981	Glazener			
	4,278,082	7/14/1981	Blackmer			
SA	4,774,946	10/4/1988	Ackerman, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

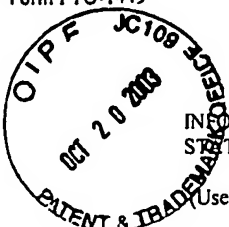

EXAMINER

*Shumway*

DATE CONSIDERED

7/22/03

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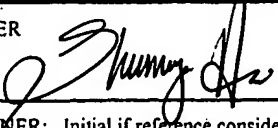
## U.S. PATENT DOCUMENTS

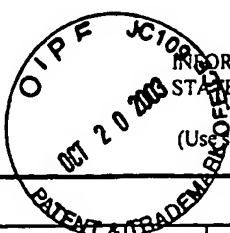
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA ↓ SA	4,782,832	11/8/1988	Trimble et al.			/
	4,821,709	4/18/1989	Jensen			
	4,821,736	4/18/1989	Watson			
	4,919,128	4/24/1990	Kopala et al.			
	4,944,310	7/31/1990	Sullivan			
	5,040,532	8/20/1991	Alfery			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SA ↓ ✓ SA	5,042,478	8/27/1991	Kopala et al.			<div style="transform: rotate(45deg); font-size: 2em;">/</div>	
	5,117,819	6/2/1992	Servidio et al.				
	5,188,101	2/23/1993	Tumolo				
	5,193,532	3/16/1993	Moa et al.				
	5,220,699	6/22/1993	Farris				
	5,243,971	9/14/1993	Sullivan et al.				


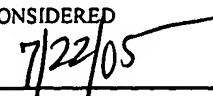
  

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SA	5,269,296	12/14/1993	Landis			
	5,271,391	12/21/1993	Graves			
	5,361,416	11/8/1994	Petrie et al.			
	5,477,852	12/26/1995	Landis et al.			
	5,687,715	11/18/1997	Landis et al.			
SA	5,687,743	11/18/1997	Goodwin			

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SA	5,724,965	3/10/1998	Handke et al.			
	5,975,077	11/2/1999	Hofstetter et al.			
	6,119,693	09/19/2000	Kwok et al.			
	6,119,694	9/19/2000	Correa et al.			
	6,192,886	2/27/2001	Rudolph			
SA	6,418,929	7/16/2002	Norfleet			

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EXAMINER

*Jimmy H.*

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EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JA	6,422,238	7/23/2002	Lithgow			
	6,427,694	8/6/2002	Hecker et al.			
	6,431,172	8/13/2002	Bordewick			
	6,439,230	8/27/2002	Gunaratnam et al.			
	6,439,234	8/27/2002	Curti et al.			
JA	6,470,886	10/29/2002	Jestrabek-Hart			

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